

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064153.D
 Acq On : 15 Oct 2020 19:07
 Operator : JC/MD
 Sample : L4417-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Oct 16 03:59:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

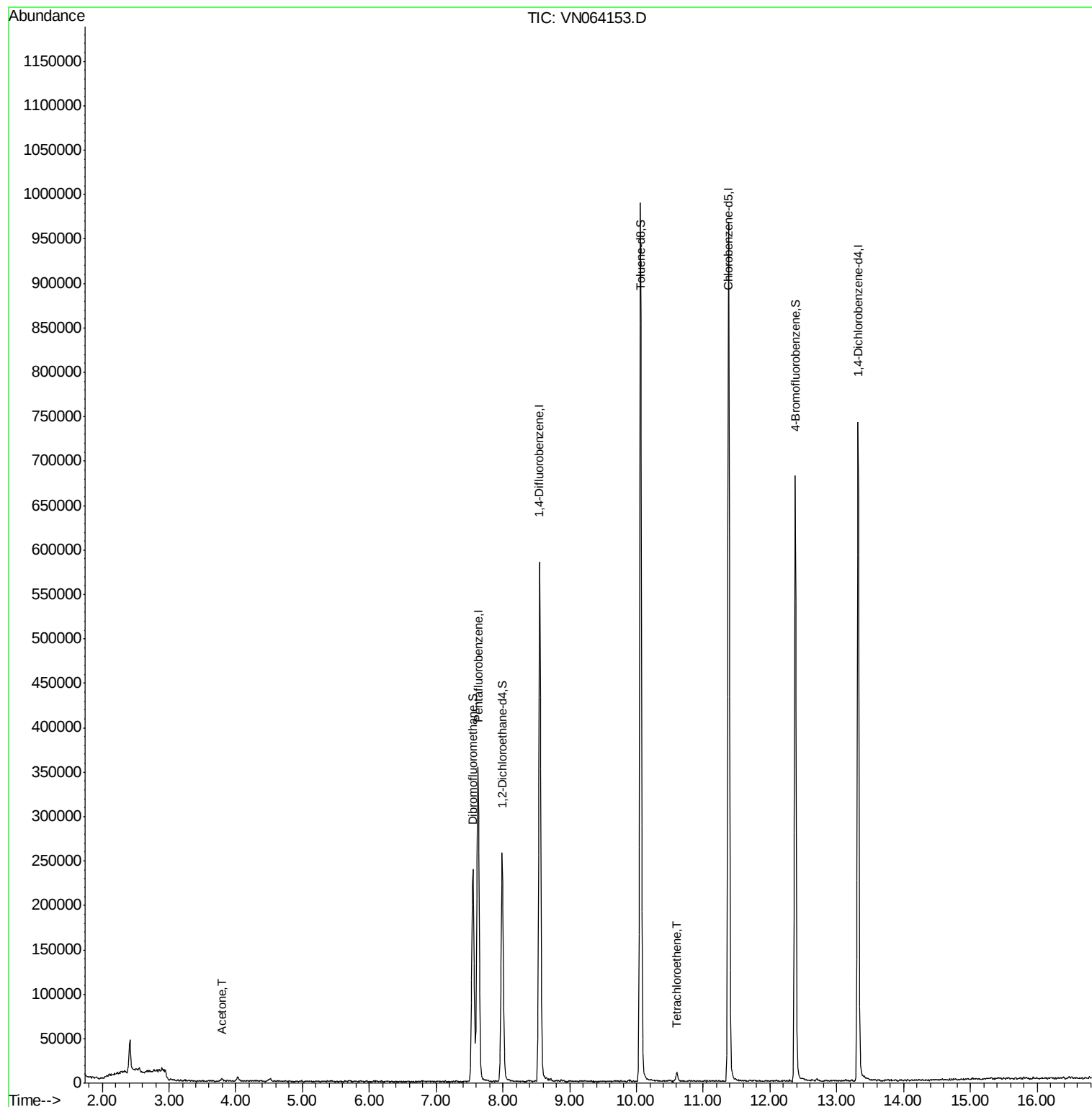
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	278109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	519152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	555105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	220340	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.26%	
35) Dibromofluoromethane	7.55	113	187118	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	10.06	98	690166	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.38	95	232653	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
Target Compounds						
16) Acetone	3.79	43	4263	3.629	ug/l #	57
64) Tetrachloroethene	10.60	164	1983	0.474	ug/l	91

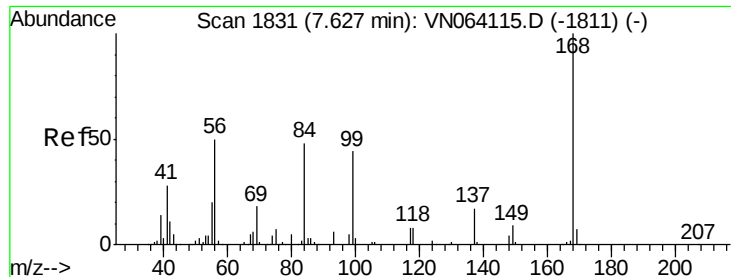
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064153.D

Acq: 15 Oct 2020 19:07

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MSVOA_N

ClientSampleId :

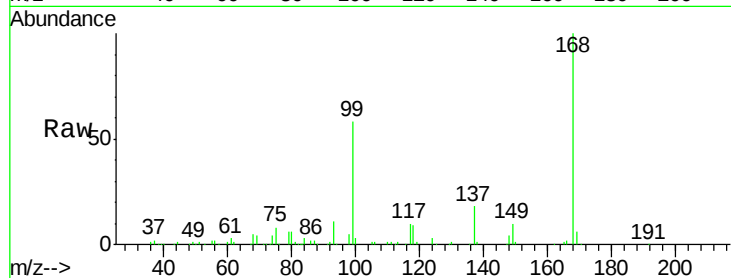
MW-12

Tot Ion:168 Resp: 278109

Ion Ratio Lower Upper

168 100

99 57.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

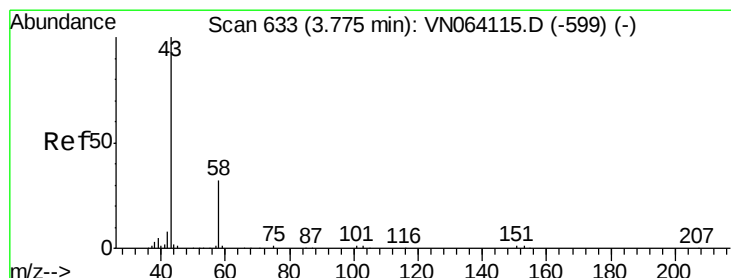
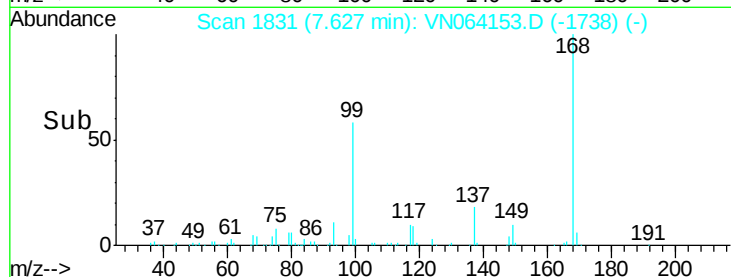
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 3.629 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN064153.D

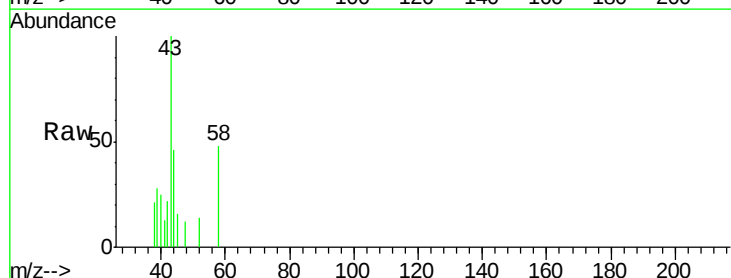
Acq: 15 Oct 2020 19:07

Tgt Ion: 43 Resp: 4263

Ion Ratio Lower Upper

43 100

58 55.3 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

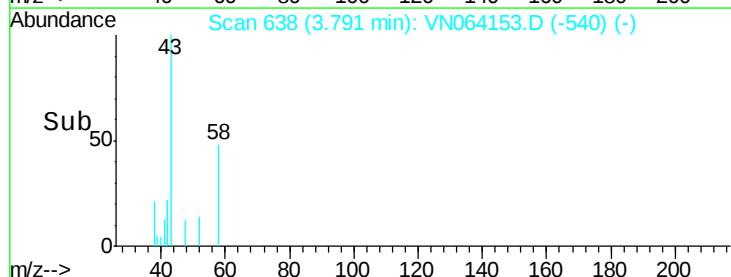
1500

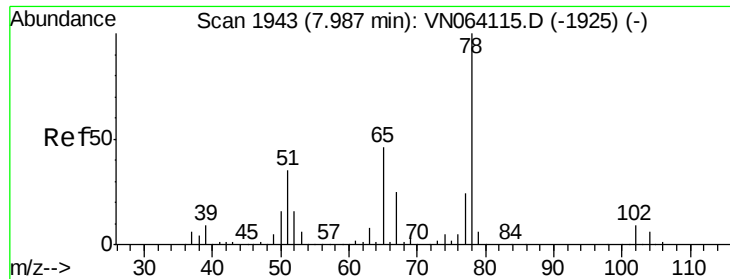
1000

500

0

Time--> 3.75 3.80 3.85

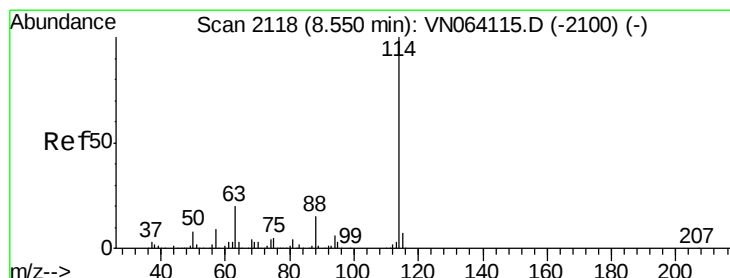
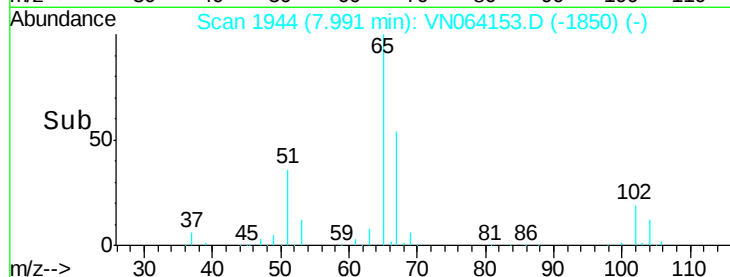
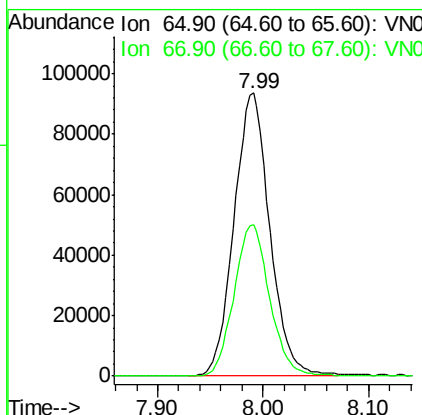
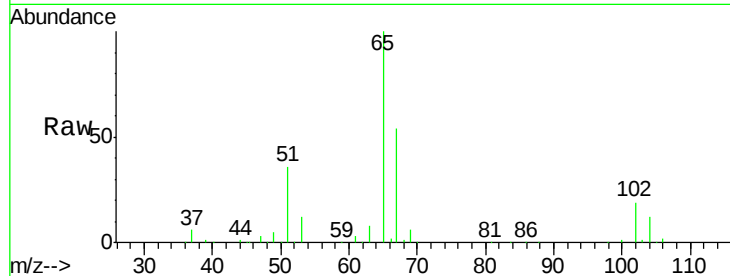




#33
 1,2-Dichloroethane-d4
 Concen: 55.630 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064153.D
 Acq: 15 Oct 2020 19:07

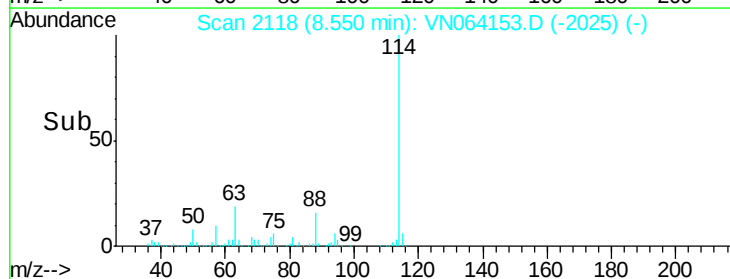
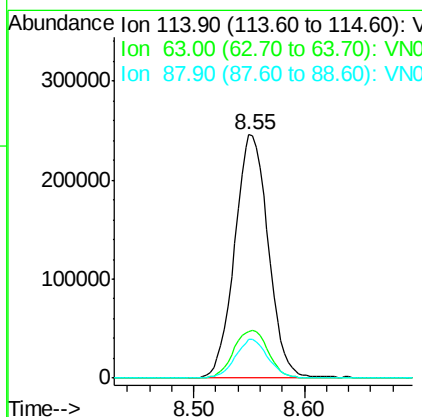
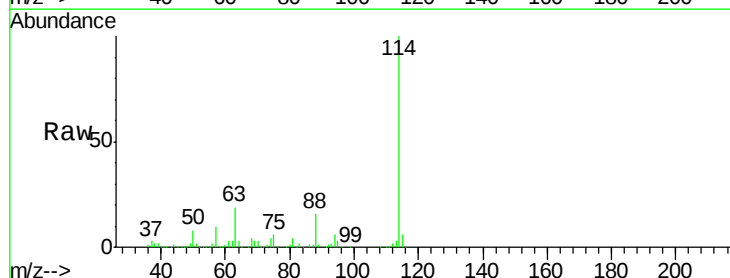
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12

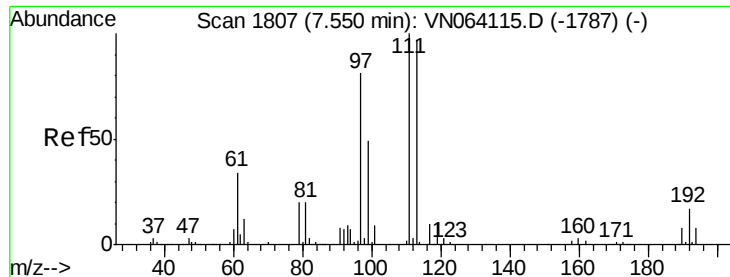
Tot Ion: 65 Resp: 220340
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064153.D
 Acq: 15 Oct 2020 19:07

Tgt Ion: 114 Resp: 519152
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.0
 88 15.7 0.0 29.2

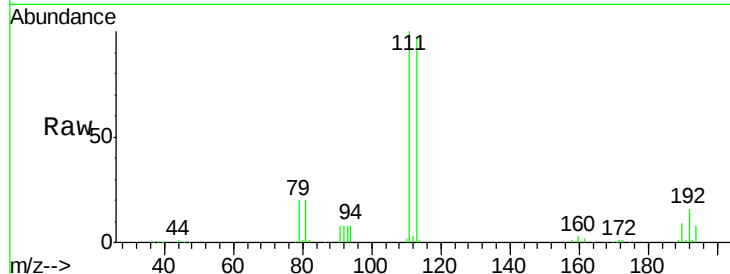




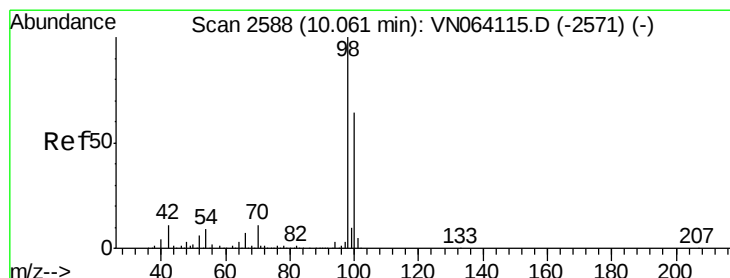
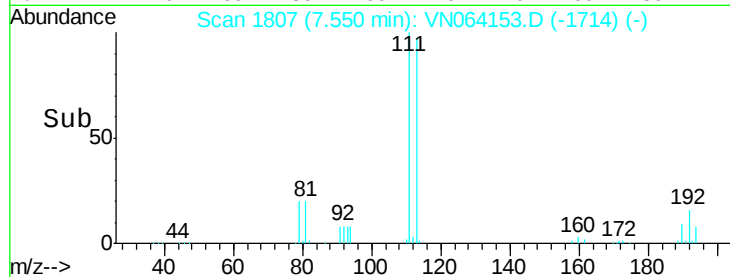
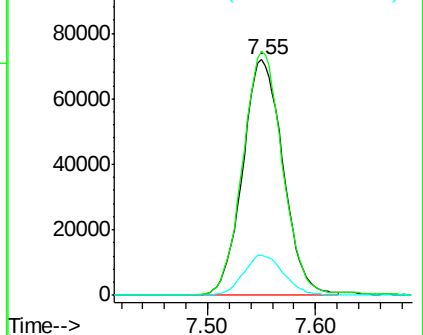
#35
 Dibromofluoromethane
 Concen: 52.074 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064153.D
 Acq: 15 Oct 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	16.8	14.3	21.5

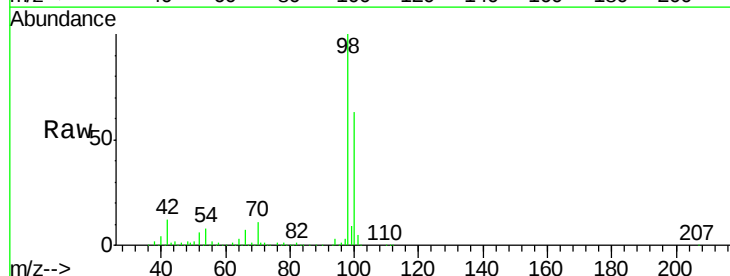


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

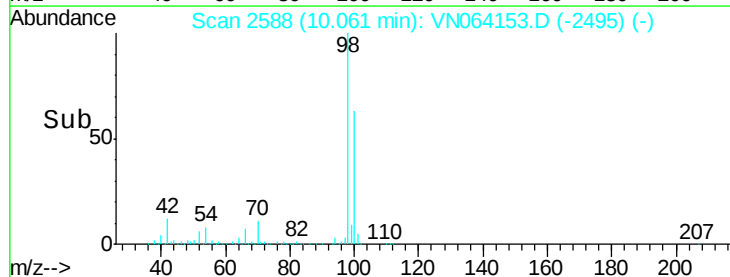
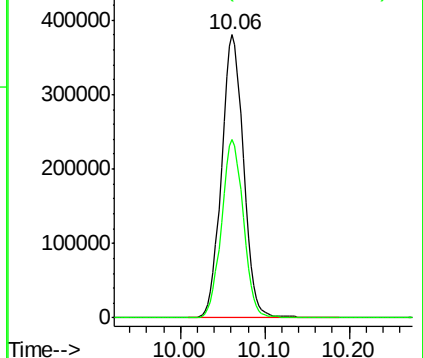


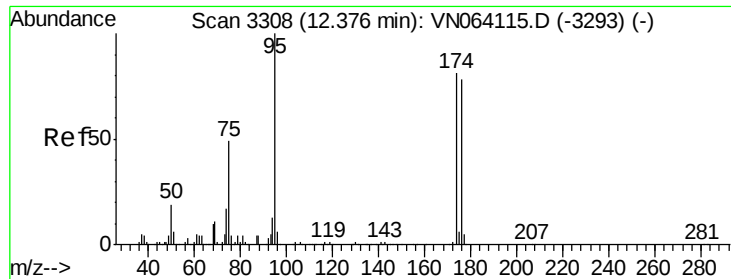
#50
 Toluene-d8
 Concen: 50.904 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064153.D
 Acq: 15 Oct 2020 19:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.8	76.2



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V

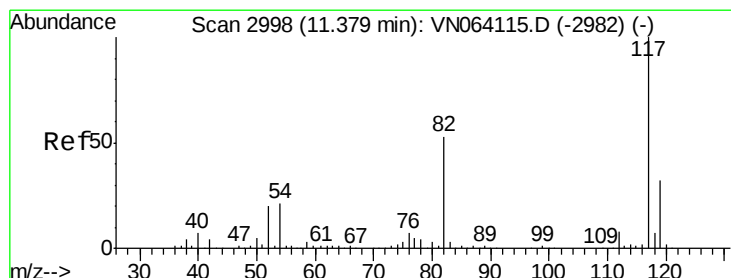
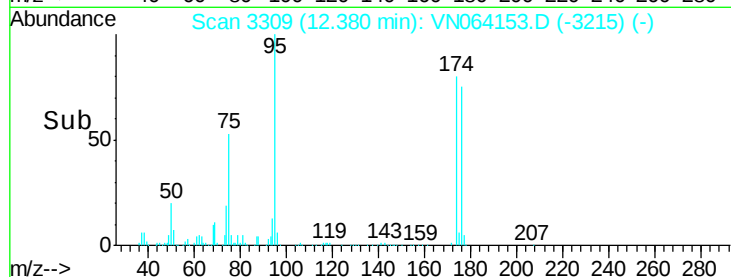
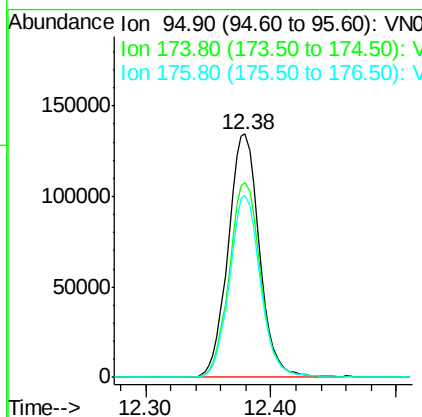
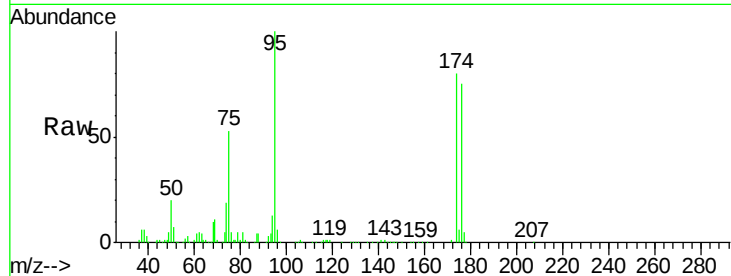




#62
4-Bromofluorobenzene
Concen: 49.923 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN064153.D
Acq: 15 Oct 2020 19:07

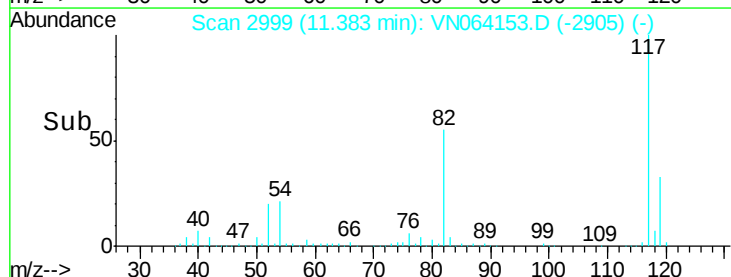
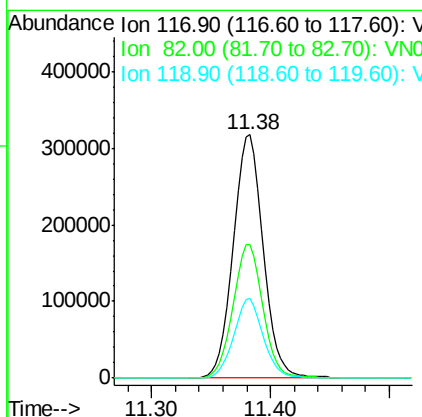
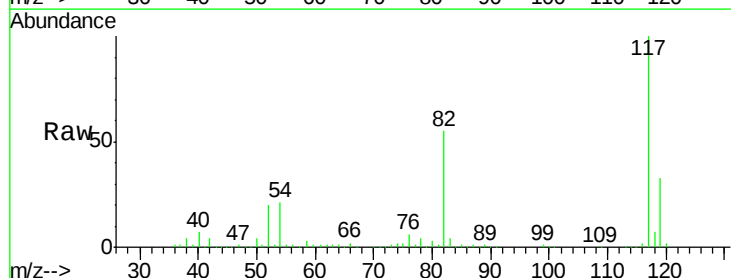
Instrument :
MSVOA_N
ClientSampleId :
MW-12

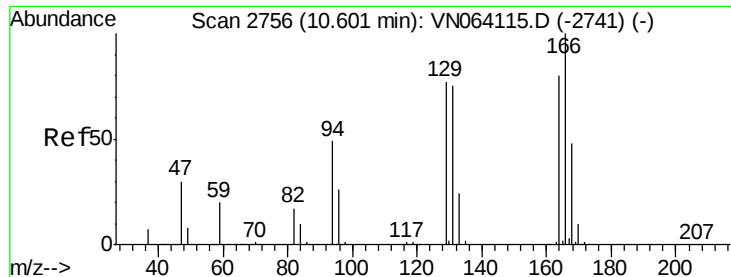
Tot Ion: 95 Resp: 232653
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.8
176 74.1 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN064153.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 117 Resp: 555105
Ion Ratio Lower Upper
117 100
82 54.7 42.6 63.8
119 32.7 25.5 38.3





#64

Tetrachloroethene

Concen: 0.474 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064153.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

MW-12

Tot Ion:164 Resp: 1983

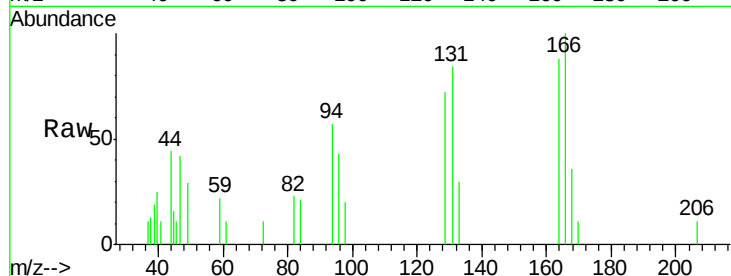
Ion Ratio Lower Upper

164 100

166 114.2 99.7 149.5

129 82.2 77.0 115.4

131 96.3 74.6 111.8

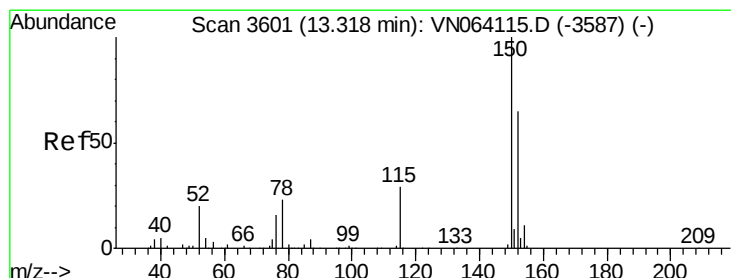
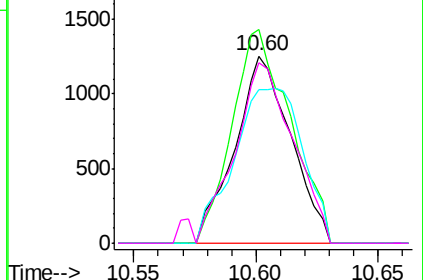
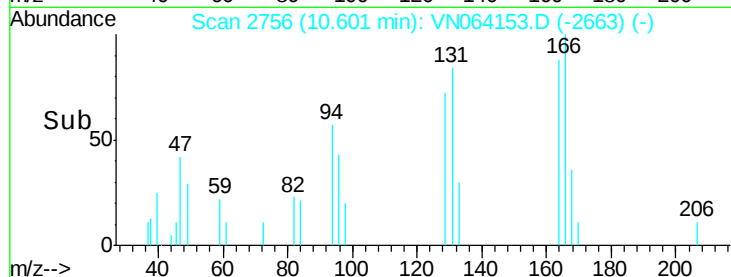


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064153.D

Acq: 15 Oct 2020 19:07

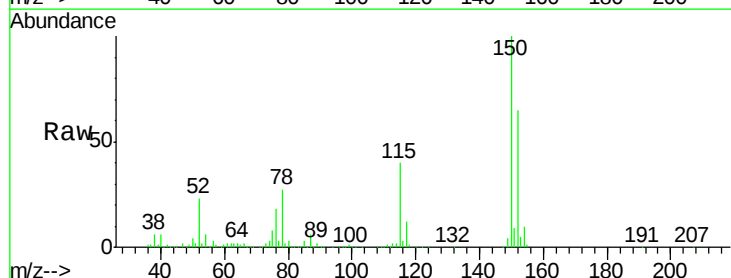
Tgt Ion:152 Resp: 198746

Ion Ratio Lower Upper

152 100

115 62.2 29.3 87.8

150 157.6 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

